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WHAT IS CLAIMED IS:

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1. A biopsy site marker comprising:

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a body of gelatin, and

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an X-ray detectable body of specific predetermined non-biological

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configuration embedded in said body of gelatin.

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2. A biopsy site marker in accordance with Claim 1 where the X-ray

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detectable body is comprises metal.

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3. A biopsy site marker in accordance with Claim 2 where the X-ray

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detectable body comprises stainless steel.

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4. A biopsy site marker in accordance with Claim 1 where the X-ray

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detectable body comprises ceramic materials or metal oxides.

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5. A biopsy site marker in accordance with Claim 1 additionally

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comprising a plurality of air bubbles embedded in said body of gelatin.

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6. A biopsy site marker in accordance with Claim 1 wherein the

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gelatin has a Bloom rating in the range between approximately 150 to 300

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Bloom.

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7. A biopsy site marker in accordance with Claim 6 wherein the

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gelatin has a Bloom rating in the range between approximately 200 to 300

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Bloom.

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8. A biopsy site marker in accordance with Claim 1 wherein the body

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of gelatin is dehydrated.

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9. A biopsy site marker comprising:

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a body of gelatin that has a bloom rating in the range between

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approximately 150 to 300 Bloom;

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a plurality of air bubbles embedded in said body of gelatin, and

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an X-ray detectable body of specific predetermined non-biological

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configuration embedded in said body of gelatin.

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10. A biopsy site marker in accordance with Claim 9 wherein the X-

1 ray detectable body of specific predetermined non-biological configuration
2 comprises metal.

3 11. A biopsy site marker in accordance with Claim 10 wherein the X-
4 ray detectable body of specific predetermined non-biological configuration
5 comprises stainless steel.

6 12. A biopsy site marker in accordance with Claim 9 wherein the body
7 of gelatin is configured in the shape of a cylinder.

8 13. A biopsy site marker in accordance with Claim 9 wherein the body
9 of gelatin is dehydrated.

10 14. A biopsy site marker in accordance with Claim 12 wherein the
11 body of gelatin is dehydrated and is approximately of 1 to 3 mm in diameter
12 and is approximately 5 to 10 mm long.

13 15. A biopsy site marker in accordance with Claim 14 wherein the
14 body of gelatin is approximately of 2 mm in diameter and is approximately 8
15 mm long.

16 16. A biopsy site marker in accordance with Claim 15 wherein the
17 body of gelatin has a Bloom rating in the range between approximately 200 to
18 300 Bloom.

19 17. A biopsy site marker in accordance with Claim 10 wherein the X-
20 ray detectable body of specific predetermined non-biological configuration is
21 configured substantially in the shape of a Greek letter gamma (γ).

22 18. A biopsy site marker in accordance with Claim 17 wherein the X-
23 ray detectable body of the Greek letter gamma (γ) configuration consists
24 essentially of an electrochemically etched stainless steel body.

25 19. An applicator device for a biopsy site marker, the device
26 comprising:

27 an elongated cylindrical body that forms a flexible tube and includes a
28 cylindrical cavity having an internal lumen, an open end and a closed end and
29 a ramp-shaped opening in proximity of the closed end; and

1 a piston that is moveable back and forth in the cylindrical cavity
2 forming the tube, the tube being adapted to be loaded in the internal lumen
3 with a plurality of biopsy site marker bodies comprising dehydrated gelatin
4 said marker bodies being disposed between the end of the piston and the
5 ramp-shaped opening when the piston is extended outwardly from the
6 cylindrical cavity.

7 **20.** An applicator device in accordance with Claim 19 wherein the
8 elongated cylindrical body has an internal diameter of approximately 0.070 “.

9 **21.** In combination: an applicator tube having an internal lumen, an
10 open end and a closed end and a ramp-shaped opening in proximity of the
11 closed end;

12 a flexible rod dimensioned to fit into and be slidable in the internal
13 lumen, and

14 a plurality of biopsy site markers comprising a body of dehydrated
15 gelatin, and an X-ray detectable body of specific predetermined non-
16 biological configuration embedded in said body of gelatin, said biopsy site
17 markers being enclosed in the internal lumen, from where they can be pushed
18 out with the flexible rod through the ramp-shaped opening into a biopsy site.

19 **22.** The combination in accordance with Claim 21 wherein the X-ray
20 detectable body of the biopsy site markers comprises metal.

21 **23.** The combination in accordance with Claim 21 where the X-ray
22 detectable body of the biopsy site markers comprises stainless steel.

23 **24.** The combination in accordance with Claim 21 wherein the X-ray
24 detectable body of the biopsy site markers comprises ceramic materials or
25 metal amides.

26 **25.** The combination in accordance with Claim 21 where the biopsy
27 site markers additionally comprise a plurality of air bubbles embedded in said
28 body of gelatin.

29 **26.** The combination in accordance with Claim 21 wherein the gelatin

1 of the biopsy site markers has a Bloom rating in the range between
2 approximately 150 to 300 Bloom.

3 **27.** The combination in accordance with Claim 26 wherein the gelatin
4 of the biopsy site markers has a Bloom rating in the range between
5 approximately 200 to 300 Bloom.

6 **28.** The combination in accordance with Claim 21 further comprising
7 at least one biopsy site marker that has a body of dehydrated gelatin, and lacks
8 the X-ray detectable body of specific predetermined non-biological
9 configuration embedded in said body of gelatin.

10 **29.** The combination in accordance with Claim 28 comprising an array
11 of a plurality of said biopsy site markers having said X-ray detectable body of
12 specific predetermined non-biological configuration and a plurality of said
13 biopsy site markers having a body of dehydrated gelatin and lacking the X-ray
14 detectable body of specific predetermined non-biological configuration, said
15 array being enclosed in the internal lumen.

16 **30.** The combination in accordance with Claim 29 wherein said biopsy
17 site markers having said X-ray detectable body of specific predetermined non-
18 biological configuration and said biopsy site markers having a body of
19 dehydrated gelatin and lacking the X-ray detectable body of specific
20 predetermined non-biological configuration alternate in said array.